

WE CLAIM:

1. Apparatus for displaying information from a portable communications device having a data output port on a remote projection display device having a data input port, the apparatus comprising:
 - 5 a first data port that is adapted to be coupled to the data output port of the portable communications device, the first data port for receiving data from the portable communications device; and
 - a second data port that is adapted to be coupled to the data input port of the remote projection display device, the second data port for providing to the remote projection display device a representation of the data received from the portable communications device, wherein the representation of the received data is in a format from which the remote projection display device can provide a projected display of information based on the received data.
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- 15 2. Apparatus according to claim 1, further comprising:
 - a data translator, coupled between the first input port and the second input port, that formats the data received from the portable communications device into the format from which the remote projection display device can provide the projected display.
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3. Apparatus according to claim 1, wherein the portable communications device includes a scrollable display, the apparatus further comprising:
 - a scroll controller that causes the remote projection display device to provide a scrolling display of the information that corresponds to the scrollable display of the portable communications device.
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4. The apparatus of claim 3, wherein the scroll controller comprises a control device that is integrated into an automobile steering wheel and is adapted to be electrically connected to the remote projection display device.

5. Apparatus according to claim 1, wherein the portable communications device is an Internet appliance.

6. Apparatus according to claim 1, wherein the portable communications device is a
5 cellular telephone.

7. Apparatus according to claim 1, wherein the portable communications device is a personal digital assistant.

10 8. Apparatus according to claim 1, wherein the remote projection display device provides the projected display on an automobile windshield.

9. Apparatus according to claim 8, wherein the remote projection display device is a heads-up display device that is integrated into an automobile.

15 10. Apparatus for hands-free communication using a portable communications device that is adapted to receive data from a remote communications device via a wireless telecommunications link, the portable communications device having an externally accessible data output port, the cradle comprising:

20 a housing that is adapted to receive the portable communications device;
a first interface for coupling the data output port of the portable communications device to the housing;
a second interface for coupling the housing to a data input port of a remote projection display device; and

25 a processor for receiving the communications data from the portable communications device via the first interface, and forwarding the received data to the remote projection display device via the second interface in a format from which the remote projection display device can provide a projected display of information based on the received data.

11. Apparatus according to claim 10, further comprising a cable that is adapted to couple the second interface to the projection display device.

12. Apparatus according to claim 10, wherein the second interface is a wireless 5 interface that is adapted to couple the housing to a corresponding wireless interface of the remote projection display.

13. Apparatus according to claim 10, wherein the processor includes a data translator that formats the data received from the portable communications device into the format 10 from which the remote projection display device can provide the projected display.

14. Apparatus according to claim 10, wherein the portable communications device includes a scrolling capability, and the processor includes a scroll controller that receives scrolling commands from a remote scroll control device and causes the remote projection 15 display device to provide a scrolling display of the information based on the scrolling commands.

15. Apparatus according to claim 10, wherein the first interface is a serial port connector and the second interface is a serial port connector.

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16. Apparatus according to claim 10, wherein a connection between the first interface and the data output port of the portable communications device is achieved upon receipt of the portable communications device into the housing.